

***Response to Amendment***

1. This Office action is in response to the reply filed on January 24, 2011.
2. In the aforementioned reply, applicant notes that "one skilled in the art would understand the meaning and scope of the claims" and refers the examiner to the figures and the originally filed specification for additional information and/or a definition of the limitations "a desired high-pressure value", "a correcting characteristic", and "a pilot control characteristic" which were identified by the examiner in the Final Rejection mailed on April 14, 2010 as not being clear and as not having been clearly defined, noting that "it is not clear what is encompassed by the [aforementioned] limitations". However, a careful review of the originally filed specification and of the drawings fails to clarify these terms.

***Requirement Under Rule 105***

3. Applicant and the assignee of this application are required under 37 CFR 1.105 to provide the following information that the examiner has determined is reasonably necessary to the examination of this application.
4. The following information (A and B) is required to complete the background description in the disclosure:
  - (A) A clear, non-circular definition of the following terms:
    - (a) "a desired high-pressure value";
    - (b) "a correcting characteristic"; and,
    - (c) "a pilot control characteristic;"
  - (B) A graph or graphs depicting the specific pilot control characteristic curve(s) referred to/recited by claims 23 and 28 and relied on by applicant to define the invention.

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5. In responding to those requirements that require copies of documents, where the document is a bound text or a single article over 50 pages, the requirement may be met by providing copies of those pages that provide the particular subject matter indicated in the requirement, or where such subject matter is not indicated, the subject matter found in applicant's disclosure.

6. The fee and certification requirements of 37 CFR 1.97 are waived for those documents submitted in reply to this requirement. This waiver extends only to those documents within the scope of this requirement under 37 CFR 1.105 that are included in the applicant's first complete communication responding to this requirement. Any supplemental replies subsequent to the first communication responding to this requirement and any information disclosures beyond the scope of this requirement under 37 CFR 1.105 are subject to the fee and certification requirements of 37 CFR 1.97.

7. The applicant is reminded that the reply to this requirement must be made with candor and good faith under 37 CFR 1.56. Where the applicant does not have or cannot readily obtain an item of required information, a statement that the item is unknown or cannot be readily obtained may be accepted as a complete reply to the requirement for that item.

8. This requirement is subject to the provisions of 37 CFR 1.134, 1.135 and 1.136 and has a shortened statutory period of **TWO (2) months**. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

***Conclusion***

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ljiljana (Lil) V. Cirim whose telephone number is 571-272-4909.

The examiner works a flexible schedule, but can normally be reached weekdays between 10:30 a.m. and 6:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy J. Swann can be reached on 571-272-7075. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system.

Status information for published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Ljiljana (Lil) V. Cirim/

Primary Examiner, Art Unit 3785